



BLAIR

STRIP STEEL COMPANY

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FLAT ROLLED PRODUCTS

● FULLY-PROCESSED COLD ROLLED STRIP

Cold rolled strip is precision rolled to its full hard condition, then fully annealed. As the most reliable material for stamping or fineblanking, cold rolled strip provides the tightest and most consistent thickness tolerances, the highest degree of spheroidization with the softest and most consistent hardness. A fully-processed strip is also made with a clean, uniform finish.

● ANNEALED AND ONE-PASS HOT ROLLED STRIP

Hot rolled strip is annealed for softness and gauge-corrected for closer thickness tolerances on a cold rolling mill. This is a lower cost option where the degree of spheroidization, dimensional tolerances or surface finish may not be as demanding in either the metal forming process or the finished part.

● ONE-PASS HOT ROLLED STRIP

One-pass strip is gauge-corrected for closer thickness tolerances on a cold rolling mill. This option is not annealed and lower in cost. With a ferritic, hot rolled structure, one-pass has harder, more variable physical properties appropriate for less demanding applications where bends and forming are less severe.

● ANNEALED HOT ROLLED STRIP

Hot rolled strip can be batch annealed for softer, more consistent hardness with moderate spheroidization. This option is lower cost, but retains relatively wide and variable hot rolled thickness tolerances and a rougher, more variable hot rolled pickled finish.



AVAILABLE GRADES

Low carbon and HSLA steels are typically specified for parts that will be used with their as-stamped physical properties. Medium carbon, high carbon and alloy steels are typically specified for finished parts that will be heat-treated to achieve their harder, finished properties. Blair produces:

- **ELECTROMAGNETIC IRON** - 1001Ti, 1001AK, 1001Si
- **LOW CARBON** - 1001, 1006, 1008, 1010, 1012, 1015, 1016, 1018, 1019, 1020, 10B21, 1022 and more
- **HIGH STRENGTH LOW ALLOY** - 45, 50, 60, 70, 80, 90 and 100ksi minimum yield strength levels
- **HIGH CARBON** - 1030, 1035, 10B38, 1045, 1050, 1055, 1060, 1065, 1070, 1074, 1075 and more
- **ALLOY** - 4023, 4037, 4130, 4140, 4620, 5115, 16MnCr5, 5120(H), 5140, 5160, 6150, 8620(H), 8640 and more
- **AIRCRAFT QUALITY ALLOYS** - 4130AQ, AMS-6345A, AMS-6350, AMS-6351 and more
- **INTERNATIONAL GRADES** - Blair produces a wide range of Japanese and European grades.
- **CUSTOM GRADES** - Blair produces many proprietary grades designed to meet specific customer requirements.

*Specific requirements should be inquired for lot size and dimensional capability.

PRODUCTION RANGE

▶ COLD ROLLED STRIP:	.040" - .375" x .500" - 21 1/2"	(1 mm - 9.5mm) x (12.7 mm - 534 mm)
▶ ANNEALED, ONE-PASS HOT ROLLED:	.065" - .650" x .500" - 21 1/2"	(1.65 mm - 16.5 mm) x (12.7 mm - 534 mm)
▶ ONE-PASS HOT ROLLED STRIP:	.065" - .650" x .500" - 21 1/2"	(1.65 mm - 16.5 mm) x (12.7 mm - 534 mm)
▶ ANNEALED, HOT ROLLED STRIP:	.065" - .750" x .500" - 48"	(1.65 mm - 19 mm) x (12.7 mm - 1219 mm)

*All products can be made in coils up to 72" OD (1829 mm) or in cut-lengths.